

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 10/12/2010 Page 1 of 2

TO: Pete Siegenthaler, Prin TE /			FILE: E.A. 04 - 0120F4	
FROM: Kannu Balan, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO.				
CCO#: 136	SUPPLEMENT#: 0	Category Code: FHBD	CONTINGENCY BALANCE (incl. this change) \$10,127,000.00	
COST: \$0.00 INCREASE <input type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: CCO 108 RFCO's Close-out			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 4

THIS CHANGE ORDER PROVIDES FOR:

Compensating the Contractor for the costs associated with Request For Change Order (RFCO) numbers 25, 27, 31, 33, 40, 48, and 51, and NOPC 11.

RFCO 25 is clarifying that the horizontal floorbeam web stiffeners termination point details should be as shown in the redline markups on "Approved as Noted" Submittal No. 488 "OBG – Segment Assembly Drawings." ABF submitted revised termination point details in Submittal No. 71, which were inadvertently approved by the Department. In Submittal No. 488 through redline markups the Department corrected the termination point details to be consistent with Contract Plan Sheet requirements. This change order resolves ABF's claim for additional costs to modify the shop drawings to reflect the Department's direction in Submittal No. 488.

RFCO 27 compensates the Contractor for additional detailing costs from February 1, 2007, to February 3, 2008. Additional detailing was due to MEP revisions, additional penetrations at the OBG and Tower, and coordination and implementation of the living (yellow) RFI system.

RFCO 31 is modifying the Tower Saddle splice turned rods by revising the spotface on the spliced ribs from 150mm to 200mm diameter, increase the length from 394mm to 463mm, pre-tensioning by jacking to 0.45 Fu, and revising the 150mm edge distance for the M35 sealing bolts to 75mm. Contractor Request For Information (RFI) numbers 1243R0 and 1243R1 directed the Contractor to pretension the Tower Saddle turned rods, which necessitated changes to the turned rods to perform pre-tensioning.

RFCO 33 and NOPC 11 compensate the Contractor for providing additional samples of externally threaded fasteners, nuts and washers (fastener assemblies) for the Department to examine and test.

RFCO 40 compensates the Contractor for increased high strength bolt costs due to project fabrication delays that postponed material procurement.

RFCO 48 provides additional detail and calculations for Submittal No. 545 "West Deviation Saddle Erection Procedure" to demonstrate functionality, load effects on the permanent structure, that the W2 cap beam has sufficient capacity, and that no damage will occur to the permanent structure, as directed by the Engineer. The Department has requested additional information to ensure a safe working area and protect the anchor rods from potential damage.

RFCO 51 is modifying the cable bands by revising the cable band lengths, casting the cable bands in an "n" configuration, and revising the cable band rotation angles. In RFI's 945R1 and 945R2 ABF provided the results of their analysis on the cable slopes and cable profile, which necessitated that the Department revise the bolt locations and overall length of the cable band types. The plans and specifications do not provide sufficient details for the cable band casting due to the lack of allowable heat solidification through the thin wall thickness of the cable band. Response to RFI 1399 resolves the casting issue by allowing the Contractor to cast the cable bands in an "n" configuration, which minimizes the defect. The Design JV changed the cable band rotations and this direction was provided to the Contractor in RFI 1488R0.

Since the cost, of \$1,206,637.00 in this change, is included in Contract Change Order 108 Supplement 1 (CCO 108S1) Claim Settlement Report No. 1 resolution costs the net payment in this change order is zero. This change order fully resolves all costs associated with Contractor Request For Change Order (RFCO) numbers 25, 27, 31, 33, 40, 48, and 51, and NOPC 11.

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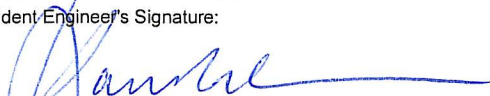
EA: 0120F4 CCO: 136 - 0

DATE: 10/12/2010 Page 2 of 2

A determination of the delay in completion of the contract due to work specified by Contract Change Order 136, has been made in CCO 160. Therefore, no adjustment of time is warranted by reason of this change order.

This change order received concurrence from Gary Pursell (Resident Engineer), Rick Morrow (Sup. Structure Rep), Peter Siegenthaler (Principal TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Richard Land (Chief Engineer), Jon Tapping (HQ Coordinator), Tony Anziano (Toll Bridge Program Manager), Brian Maroney (Project Engineer), Wenyi Long (Design Oversight), and Lina Ellis (Structure Maintenance).

Claims Settlement Report (CSR) No. 1, for this project, revises the authority to "Issue and Approve" the changes listed in CCO 108S1 Appendices A & B. The authority to "Issue and Approve" the changes listed in Appendices A & B for the values of time and money contemplated therein has been delegated to the District for approval and approval of each of these change orders by the Headquarters CCO Desk will not be required. Since this change order is included in CCO 108S1 no Headquarters CCO Desk "Issue and Approve" is required, a copy of CCO 108S1 is attached for reference.

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	Res. Eng., Gary Pursell, Sup. TE	Date 12/24/09	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	Struct Rep, Rick Morrow, Sup TE	Date 12/24/09	ITEMS	\$0.00	\$0.00
Project Engineer:		Date	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 12/24/09	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$0.00	\$0.00
Other (specify):	PCE, Pete Siegenthaler, Prin TE	Date 1/8/10	FEDERAL PARTICIPATION		
Other (specify):	HQ, Rich Foley	Date 12/24/09	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT		
 10-25-10			_____		
